



***Rapid Access to Technical Information  
Supporting Defense Acquisition***

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

# **DTIC: Your Key to Defense Technical Information**

**November 18, 2008**

**Helen Q. Sherman  
Director, User Services**

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# How can DTIC assist the acquisition community?

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## ***DTIC's Mission:***

*Provide essential, technical research, development, testing and evaluation (RDT&E) information rapidly, accurately and reliably to support our DoD customers' needs.*

RDT&E is vital to Defense Acquisitions.



# GAO Report: GA-08-467SP

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

GAO

United States Government Accountability Office  
Report to Congressional Committees

March 2008

## DEFENSE ACQUISITIONS

### Assessments of Selected Weapon Programs



G A O

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GAO-08-467SP





# GAO's March 2008 Assessment

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- GAO's sixth annual assessment of selected weapon systems
- 72 programs assessed, most major defense acquisitions programs (MDAP) - those identified by DoD as requiring total research, development, test, & evaluation (RDT&E) of more than \$365M or \$2.19B\*
- Programs selected for factors including dollar value, acquisition stage, & congressional interest



# GAO's Analysis

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- Total acquisition costs for FY07 of major defense acquisition programs increased 26%
- **Total RDT&E costs for FY07 programs increased by 40% from first estimates**
- Current programs experiencing average delay of 21 months in delivering initial capabilities to the warfighter
- Results in warfighters operating legacy systems, finding alternatives to fill capability gaps, or going without capability



# GAO Report: GAO-08-619

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GAO

United States Government Accountability Office

Report to the Committee on Armed  
Services, U.S. Senate

July 2008

## DEFENSE ACQUISITIONS

A Knowledge-Based  
Funding Approach  
Could Improve Major  
Weapon System  
Program Outcomes



GAO-08-619





# GAO's July 2008 Assessment

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- Reason for study: DoD's cost to develop and procure major weapon systems to total \$1.6T. "Yet DoD programs often experience poor outcomes - like increased costs and delayed fielding of needed capabilities to the warfighter."
- Findings include: "DoD often underestimates development costs – due in part to a lack of knowledge and optimistic assumptions about requirements and critical technologies."



# GAO Analysis

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GAO conducted a more detailed analysis for five programs:

1. Global Hawk
2. Joint Strike Fighter (JSF)
3. Future Combat System (FCS)
4. Warfighter Information Network-Tactical (WIN-T)
5. Multi-mission Maritime Aircraft (MMA)





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# How can DTIC help you find technical information on these and other topics?



# Technical Reports (TRs)

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## Technical Report (or scientific report)

- **Describes the process, progress, or results of technical or scientific research, or explains the state of a technical or scientific research problem.**
- **Major source of scientific & technical information on a variety of projects**  
**e.g., DTIC's TRs have wide range from social, cultural issues to MRAPs.**



# Technical or Tech Reports

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- Published by organizations, often without commercial editing and printing
- Prepared for internal or wider distribution – with distribution determined by the controlling agency
- Reviewed by the originating organization but usually do not undergo the comprehensive peer review of scientific literature in journals.
- Prepared for sponsors of research projects.  
e.g., Requirement of DoD-funded research.



# Tech Reports

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- Published in hardcopy or electronic  
e.g., DTIC's TRs are now submitted electronically, some with color graphics, and are available as PDFs
- Collected in a formal series and assigned an identifier or report number.  
e.g., DTIC reports have AD #s  
AD-123456, ADA, ADB, ADC





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Results 1 - 26 of 26. Search took 0.299 seconds.

1. [View TR Citation](#) | [View Full Text pdf - 134 KB](#)

*Title:* Intelligence, Surveillance, and Reconnaissance (ISR) Programs: Issues ...

*AD Number:* ADA477775

*Corporate Author:* LIBRARY OF CONGRESS WASHINGTON DC CONGRESSIONAL RESEARCH SERVICE

*Personal Author:* Best, Jr, Richard A

*Distribution Code:* 01 - APPROVED FOR PUBLIC RELEASE

*Report Classification:* U - Unclassified

*Source Code:* 424371

2. [View TR Citation](#) | [View Full Text pdf - 997 KB](#)

*Title:* Verification of Meteorological Data Reports from the RQ-4A Global Hawk...

*AD Number:* ADA422577

*Corporate Author:* AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OH SCHOOL OF ENGINEERING A...

*Personal Author:* Callis, Steven M

*Distribution Code:* 01 - APPROVED FOR PUBLIC RELEASE

*Report Classification:* U - Unclassified

*Source Code:* 439106

3. [View TR Citation](#) | [View Full Text pdf - 914 KB](#)

*Title:* Spiral Development in Action: A Case Study of Spiral Development in th...

*AD Number:* ADA443447

*Corporate Author:* NAVAL POSTGRADUATE SCHOOL MONTEREY CA

*Personal Author:* Henning, Wade A Walter, Daniel T

*Distribution Code:* 01 - APPROVED FOR PUBLIC RELEASE

*Report Classification:* U - Unclassified

*Source Code:* 251450



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**Size:** 997 KB

**Handle / proxy Url:** <http://handle.dtic.mil/100.2/ADA422577>

**Citation Status:**

A - Active

**Replaced by AD Number:**

Data Not Available

**Title:**

Verification of Meteorological Data Reports from the RQ-4A Global Hawk Unmanned Aerial Vehicle

**Fields and Groups :**

040200 - Meteorology

010310 - Pilotless Aircraft

**Corporate Author:**

AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OH SCHOOL OF ENGINEERING AND MANAGEMENT

**Personal Author(s):**

Callis, Steven M

**Report Date:**

01 Mar 2004

**Media Count:**

120 Pages(s)

**Media Code:**

Data Not Available

**Organization Type:**

F - AIR FORCE



# DTIC Handles for Full Text

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ADA475851

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Size: 185 KB

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**Citation Status:**

A - Active

**Replaced by AD Number:**

Data Not Available

**Title:**

Preventing an Improvised Explosive Device (IED) Campaign in the United States

**Fields and Groups :**

190100 - Ammunition and Explosives

150607 - Unconventional Warfare

**Corporate Author:**

NAVAL POSTGRADUATE SCHOOL MONTEREY

**Personal Author(s):**

Wehri, Matthew T

**Report Date:**

01 Dec 2007

**Media Count:**

71 Pages(s)

**Media Code:**

Data Not Available

**Organization Type:**

N - NAVY AND MARINE CORPS

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# Global Hawk Search Results

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**Global Hawk:** Air Force unmanned aircraft system – to provide intelligence, surveillance, & reconnaissance capabilities

- Sample Search: “global hawk” (more precise possible)
- **DTIC’s Public Technical Reports (TRs):** 26 results
- Authors include Air Force Institute of Technology, Naval Postgraduate School, Aeronautical Systems Center, IDA
- **DTIC’s Access Controlled TRs:** 194 reports, ranging from Aug 2008 Operational Assessment Rpt to 1996 Phase 1 Rpt
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# JSF: Handle for Free Full-Text Technical Report

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**Accession Number:**

ADA480398

**Full Text (pdf) Availability:**

**Size:** 734 KB

**Handle / proxy Url:** <http://handle.dtic.mil/100.2/ADA480398>

**Citation Status:**

A - Active

**Replaced by AD Number:**

Data Not Available

**Title:**

Balancing Government Risks with Contractor Incentives in Performance-Based Logistics Contracts

**Fields and Groups :**

150500 - Logistics, Military Facilities and Supplies

050100 - Administration and Management

**Corporate Author:**

AIR FORCE INST OF TECH WRIGHT-PATTERSON AFB OH GRADUATE SCHOOL OF ENGINEERING AND MANAGEMENT

**Personal Author(s):**

Gardner, Christopher P

**Report Date:**

01 Mar 2008

**Media Count:**

110 Pages(s)

**Media Code:**

Data Not Available

**Organization Type:**

F - AIR FORCE





# JSF: Joint Strike Fighter

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**JSF:** Joint Air Force, Navy, and Marine Corps program – to develop and field stealthy fighter aircraft to replace DoD's aging fighter and attack aircraft

- Search: "joint strike fighter" or jsf
- **DTIC's Public Technical Reports (TRs):** 120 results
- Authors: Air Force Institute of Technology, Air University, Naval Air Warfare Center, Rand
- **DTIC's Access Controlled TRs:** 537 results, ranging from Oct 2008 to 1995.
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**Accession Number:**

ADA476958

**Full Text (pdf) Availability:**

**Size:** 449 KB

**Handle / proxy Url:** <http://handle.dtic.mil/100.2/ADA476958>

**Citation Status:**

A - Active

**Replaced by AD Number:**

Data Not Available

**Title:**

Early Lessons Learned from the Army's Future Combat Systems Program (FCS): Developing an Appropriate Contractual Arrangement with Industry, Establishing an Enabling Program Management Structure and Test Organization

**Fields and Groups :**

190300 - Combat Vehicles

150100 - Military Forces and Organizations

050100 - Administration and Management

**Corporate Author:**

NAVAL POSTGRADUATE SCHOOL MONTEREY CA GRADUATE SCHOOL OF BUSINESS AND PUBLIC POLICY

**Personal Author(s):**

Yakovac, Joseph

**Report Date:**

30 Sep 2007

**Media Count:**

45 Pages(s)

**Media Code:**

Data Not Available



# FCS: Citation Includes Descriptors, Identifiers, & Abstract

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## Abstract:

The U.S. Army's first Future Combat System (FCS) equipped Brigade Combat Team (BCT) becomes fully operational in 2015. Concern for the possibility of combined arms capability gaps between planned FCS capacities and those required to defeat the expected 2015 dominant threat model -- the Extremist Guerrilla Army -- led to a study of combined arms operations (CAW). The author explores the nature of CAW, and through the use of synchronization theory explains how synchronization is the key process by which units are able to plan and conduct the simultaneous employment of a combination of arms, thereby benefiting from their synergistic effects. He also reviews the main historical developments in CAW from World War I to the present Iraq War, including World War II, Korea, Vietnam, and the Gulf War. The thesis then identifies 13 combined arms "enabling capabilities" necessary for FCS BCT success in the complex and lethal 2015 operational environment. These capabilities will defeat the Extremist Guerrilla Army, maintain freedom of movement across the battlefield, and positively influence the local populace to support U.S. objectives. In addition, five FCS BCT capability shortfalls are identified. These are five areas in which FCS BCTs will not be fully capable in the operational environment of 2015. These areas are as follows: the need for ruggedized SATCOM antennas, the capability to allow units to stay connected to FCS voice and data information networks while on the move, the need for FCS vehicles to be hardened against electronic attack in an age of nuclear proliferation, the need for specialized engineering vehicles to support route clearance and gap crossing missions, and the need for the Army to organize company-sized Information Operations (IO) units to support FCS BCTs in the expectation of the enemy's heavy use of IO.

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Size: 1 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/ADA482923>

Citation Status:

A - Active

Replaced by AD Number:

Data Not Available

Title:

Combined Arms Warfare in the 21st Century: Maximizing the Capability of U.S. Army Equipped Brigade Combat Teams to Conduct Combined Arms Operations

Fields and Groups :

150607 - Unconventional Warfare

050600 - Humanities and History

Corporate Author:

ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS

Personal Author(s):

Reed, James W

Report Date:

13 Jun 2008

Media Count:

178 Pages(s)

Media Code:

Data Not Available

Organization Type:

A - ARMY

COMBINED ARMS WARFARE IN THE 21<sup>ST</sup> CENTURY: MAXIMIZING THE  
CAPABILITY OF U.S. ARMY FUTURE COMBAT SYSTEM EQUIPPED BRIGADE  
COMBAT TEAMS TO CONDUCT COMBINED ARMS OPERATIONS

A thesis presented to the Faculty of the U.S. Army  
Command and General Staff College in partial  
fulfillment of the requirements for the  
degree

MASTER OF MILITARY ART AND SCIENCE  
Military History

by

JAMES W. REED, MAJ, USA  
B.A., California State University, Chico, CA, 1994

Fort Leavenworth, Kansas  
2008





# FCS: Future Combat System

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

**FCS:** Army program – to provide advanced, networked combat & sustainment systems, unmanned ground & air vehicles, and unattended sensors & munitions

- Search: “future combat system” or fcs
- **DTIC’s Public Technical Reports (TRs):** 48 results
- Authors: Army Research Institute, Naval Postgraduate School, Army Aviation & Missile Command (Redstone), Rand, Mitre, IDA
- **DTIC’s Access Controlled TRs:** 617 results, ranging from Sep 2008 to 1979
- Results for DTIC registered users include reports limited to DoD and Their Contractors - Export Control, U.S. Govt and Their Contractors – Export Control



# What results would Google have?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Initial Searches:

“global hawk” = 256,000 results

“global hawk” and “unmanned aircraft” = 44,300

“global hawk” and .mil = 26,900

“joint strike fighter” or jsf = 174,000

“future combat system” or fcs = 83,500

## Thousands!

## How much time do you have?



# Search Results from Google

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Analysis - Positives:

Sources for encyclopedic information or overview about the project:

e.g., [www.jsf.mil](http://www.jsf.mil) (public);

<https://www.fcs.army.mil/> (*only accessible from DoD computers*)

Specifications, color images, and news releases available on commercial sites.

**However,...**





# Search Results from Google

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Analysis – Negatives for Research:

Too many results to review and analyze properly.

Order of results based on commercial search engine's relevancy ranking (most popular?)

No consistency; order may vary.

Some results disappear or are difficult to find again.

Citations not always definitive and helpful for browsing wide variety of results.

Lack of authoritative sources; sources often unknown.

Unknown authors for Wikipedia, You-tube, blog entries, and personal Web sites.

Includes "underground" Web sites and subjective, opinionated articles.



# ...More Google Results

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Analysis – Negatives for Research:

Abundance of commercial sites.

Many superficial (or partial) news articles.

Some leads to fee-based commercial document delivery services.

Duplications within list.

Results include both separate pages & homepage of Web sites.

Documents often not dated.

Older documents not posted.

Public release only. Results mixed for an audience of all ages.

Some dead links or messages that content no longer available.

**NO technical support or reference help.**



# Search Results from DTIC

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Analysis – Positives for Research:

- Targeted search results from a DoD database of more than 2 million Technical Reports.
- Three access levels for DTIC Technical Reports – Public, Access Controlled, & Classified on the SIPRNet.
- Documents with Distribution Markings for public, DoD, other federal agencies, contractors.
- In-depth reports from DoD scientific & technical research.
- Professional documents by reputable sources.
- Known Sources – Personal Author, Corporate Author, Source Code, Contract #.
- Report dates included.
- References to proceedings or other reports in series.





# ...More DTIC Results

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Analysis – Positives for Research:

- Database with precision search capabilities.
- Capability for searching from simple to complex according to other factors, such as contract #, terms in abstract, etc.
- Flexibility to control order of results; e.g., by report date.
- Permanent collection and consistency in results; older documents retained as new documents are added.
- Ability to produce customized search results and bibliographies with specific fields.
- Technical support & reference assistance with your searches – DTIC phone #s & email addresses provided.
- **MORE: Ability to expand search for results from other DTIC databases & DoD resources.**



# DTIC / Google Comparison 2004-2006

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Topics:

**Battle Space Awareness; Command and Control; Net Centric; Force Application; Force Protection; Focused Logistics**

## DTIC Resources searched:

- Private STINET – Unclassified, unlimited (U2);Unclassified, limited (UL) Technical Reports (TR) and Research Summaries (RS)
- Classified STINET – Classified TR and RS
- TEMS database of IAC holdings

## Google Resources searched:

- Google, Google Scholar, Google Print
- Google Uncle Sam (added in 2006)



# DTIC / Google Comparison

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## **Analysis of Results:**

- **Information Type**
- **Database or Libraries**
- **Language**
- **Availability**
- **Source/Authority**
- **Classification**
- **Currency**
- **Relevance**





# “DTIC is \$50M better than Google.”

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Most Significant Findings for DTIC Documents:

- **Source/Authority** – DTIC databases had more DoD S&T, DoD academic & other federal govt research.
- **Classification** – DTIC databases went beyond public information; over half of retrievals were limited access, classified, & export controlled results.
- **Currency** – DTIC databases had more current documents in the 4-year range.
- **Relevance** – DTIC database results had higher relevancy for the topics.



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# DTIC Offers Assistance Beyond Google

Need Support?  
Contact Us





# DTIC Offers Assistance

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## How we accomplish our mission:

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. Information Security
4. IAC Research
5. Customer Support





# DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## 1. Centralized collection of DoD Resources

Providing centralized operation of **scientific, technical and related defense information** services, databases, systems, or networks for the acquisition, organization, retrieval, and dissemination of information to support the Defense Community

Examples: Technical Reports Collection and many others; development of Web sites.



# DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. **Innovative development of information systems**

Developing and improving **DoD Scientific and Technical Information (STI) and Defense Information systems** through the continuous application of advanced, innovative processes, techniques and technologies for information discovery, analysis and dissemination

Examples: DTIC Online for Public, Access Controlled, and Classified; DoDTechipedia and DefenseSolutions.



# DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. Innovative development of information systems

### 3. **Information Security**

Assuring information **security and integrity** while improving customer access through the enhancement and application of the latest guidance and technologies for system security, user authentication, access control and single sign on

Examples: DTIC Registration System; DTIC's consistently high FISMA Score.

(Federal Information Security Management Act)





# DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. Information Security

## 4. **IAC Research**

Managing the **DoD Information Analysis Centers** program

Example: Assistance searching IAC databases; collaboration at conferences.



# DTIC Functions

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

1. Centralized collection of DoD Resources
2. Innovative development of information systems
3. Information Security
4. IAC Research

## **5. Customer Support**

Performing **outstanding Customer Service** including extensive user training and outreach programs.

**Example: Free training for DTIC databases; outreach to Combatant Commands.**



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# DTIC Collection







# Defense Technical Information Center

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Central facility for collection and dissemination of scientific and technical information for the Department of Defense (DoD)**



**DTIC Online**  
Information for the Defense Community

Home Registration DTIC A-Z Submit Documents Interest Areas

Search DoD Web Sites

S&T Resources Announcements Forms & Guides IACs Find It

**Accession Number:**  
ADA475851

**Full Text (pdf) Availability:**  
**Size:** 105 KB  
**Handle / proxy Url:** <http://handle.dtic.mil/100.2/ADA475851>

**Citation Status:**  
A - Active

**Replaced by AD Number:**  
Data Not Available

**Title:**  
Preventing an Improvised Explosive Device (IED) Terror Campaign in the United States

**Fields and Groups :**  
190100 - Ammunition and Explosives  
150607 - Unconventional Warfare

**Corporate Author:**  
NAVAL POSTGRADUATE SCHOOL MONTEREY CA

**Personal Author(s):**  
Wehri, Matthew T

**Report Date:**  
01 Dec 2007

**Media Count:**  
71 Pages(s)

**Media Code:**  
Data Not Available

**Organization Type:**  
N - NAVY AND MARINE CORPS

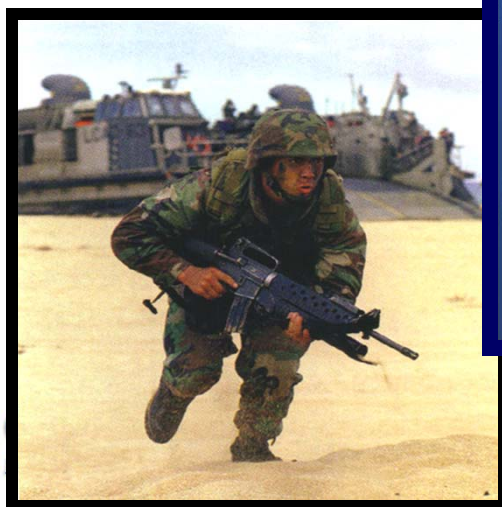




# DTIC: Information for the Defense Community

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Provider of information for Defense community**
- **Vital link in transfer of information for DoD**



**DTIC Online**  
Information for the Defense Community

Home Registration DTIC A-Z Submit Document

Search

S&T Resources Announcements Forms & Guides IACs

---

**Accession Number:**  
ADA016437

**Full Text (pdf) Availability:**  
Data Not Available

**Citation Status:**  
A - Active

**Replaced by AD Number:**  
Data Not Available

**Title:**  
Laser Reliability Prediction.

**Fields and Groups :**  
090300 - Lasers and Masers

**Corporate Author:**  
MARTIN MARIETTA AEROSPACE ORLANDO FLA

**Personal Author(s):**  
Gagnier, T R  
Kimball, E W  
Selleck, R R







# Librarians & Analysts Ready to Assist with Research

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Researchers** of scientific, technical information
- **Intermediaries** for Research & Development and the Defense mission



**DTIC Online**  
Information for the Defense Community

Home Registration DTIC A-Z Submit Document

Search

S&T Resources Announcements Forms & Guides IACs

**Accession Number:**  
ADA016437

**Full Text (pdf) Availability:**  
Data Not Available

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**Personal Author(s):**  
Gagnier, T R  
Kimball, E W  
Selleck, R R



**Librarians  
& Analysts**

[www.dtic.mil](http://www.dtic.mil)





# DTIC's Collection

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## DTIC's Core Collection Includes More Than:

- 2 million **Technical Reports (TRs)** collected since WWII
- 309,000 ongoing & completed DoD **Research Summaries (RS)**
- 172,000 descriptions of **Independent Research & Development (IR&D) Projects** (Proprietary records of voluntarily reported private sector research - Available to DoD ONLY)
- 207,000 **Total Electronic Migration System (TEMS) database of IAC documents** from DTIC Information Analysis Centers (IACs)



# Digitization for Online Access

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Technical Reports (TR) Collection**
  - Majority of new accessions are digital submissions
  - Older material digitized systematically and upon request for emergency situations throughout the world (e.g., mud slides in the Philippines)
- **Current Total of Technical Reports: 2,109,165**
- **Current TR Digital Holdings (full text):**
  - 299,538 unclassified, unlimited documents (public)
  - 191,501 unclassified, limited documents (controlled)
  - 13,071 classified documents on SIPRNet

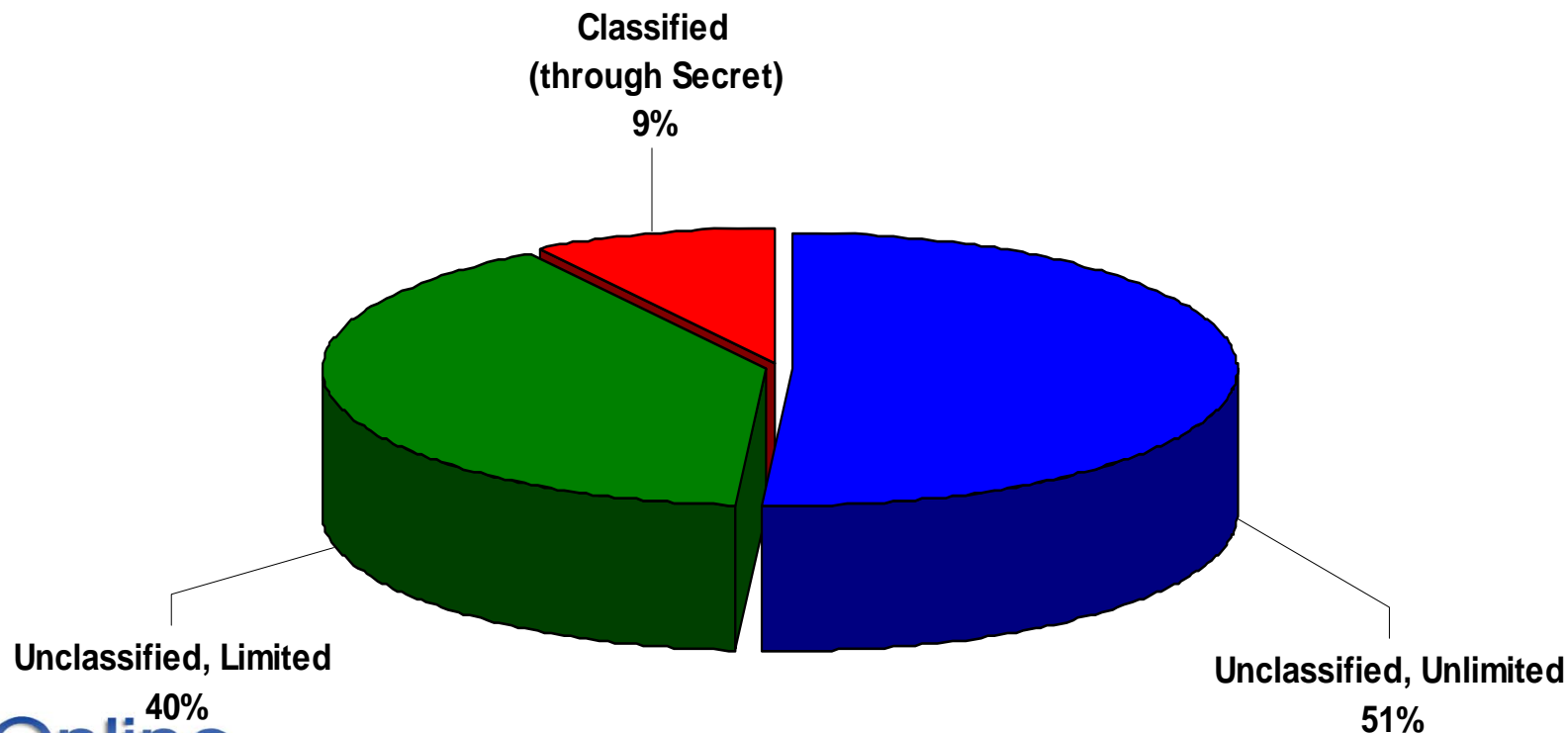
(11/10/08)



# Security Categories of DTIC Collection

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Unclassified, Unlimited (Public)** **51%**
- **Unclassified, Limited (Controlled access)** **40%**
- **Classified (through Secret)** **9%**







# Content Repository

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Types of Information Collected:

- Technical reports
- Test results
- Studies and analyses
- Journal articles
- Proceedings
- Theses and dissertations
- Patent information
- Planning documents
- Command histories

## Research summaries:

- Ongoing
- Completed
- Project details:
  - Objective
  - Approach
  - Progress
- Organizational details:
  - Funding data
  - Performing/funding agency/contractor



# Contributors Are Sources of RDT&E and Users

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- Defense Components
- DoD Laboratories
- DoD Contractors
- Federally Funded Research & Defense Centers (FFRDCs)
- Universities/Military Service Schools
- Small Business Innovation Research (SBIR) Awardees
- Other Federal Agencies and Their Contractors
- Foreign Governments
- NATO



# Authorized Use of DTIC Collection

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

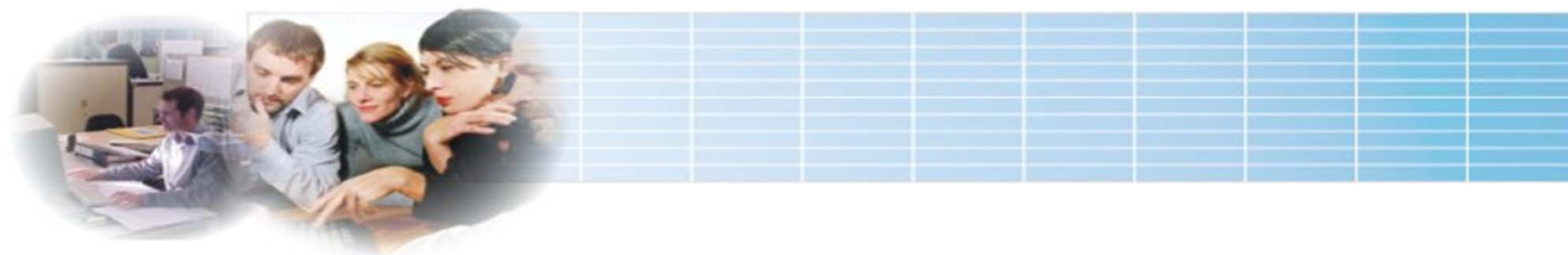
- **Registration** determines individual access to controlled citations and documents.
- **Distribution statements** on documents are set by the controlling agencies.
- **Requests for Release of Limited Document** (DTIC Form 55) are submitted and determined by the controlling agencies.





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# Searching the DTIC Collection





# Technical Reports Are Key Sources of Information

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Question: **How many gallons of gas has DoD used in the past year?**
- Sources:
- ***Report of the Defense Science Board Task Force on DoD Energy Strategy, "More Fight - Less Fuel".***  
AD Number: **ADA477619** Corporate Author: DEFENSE SCIENCE BOARD WASHINGTON DC. Report Date: February 01, 2008.  
Media: 136 Page(s)
- ***Defense Energy Support Center Fact Book FY 2007.***  
AD Number: **ADA480861** Corporate Author: DEFENSE ENERGY SUPPORT CENTER FORT BELVOIR VA. Report Date: March 21, 2008  
Media: 95 Page(s)



# Source: DTIC Tech Report

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## ***Report of the Defense Science Board Task Force on DoD Energy Strategy***

### **“More Fight – Less Fuel”**



#### Bookmarks

Options ▾

- Foreword
- Executive Summary
- Chapter I:  
Introduction
- Chapter II: DoD's  
Energy Posture
  - 2.1 Introduction
  - 2.2 Petroleum  
Supply and  
Demand
  - 2.3 Electricity
  - 2.4 Global  
Warming and Our  
Energy Choices
- Chapter III:  
Managing Fuel  
Demand – A  
Business Process  
Re-Engineering
  - 3.1 Unfinished  
Tasks from the  
2001 Defense  
Science Board





# Research from Tech Report

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

**The Department of Defense is the largest single consumer of energy in the United States. In 2006, it spent \$13.6 billion to buy 110 million barrels of petroleum fuel (about 300,000 barrels of oil each day), and 3.8 billion kWh of electricity. -Feb 2008**

## **CHAPTER II: DOD'S ENERGY POSTURE**

### **2.1 Introduction**

The Department of Defense is the largest single consumer of energy in the United States. In 2006, it spent \$13.6 billion to buy 110 million barrels of petroleum fuel (about 300,000 barrels of oil each day), and 3.8 billion kWh of electricity. This represents about 0.8% of total U.S. energy consumption and 78% of energy consumption by the Federal government. Buildings and facilities account for about 25% of the Department's total energy use. DoD occupies over 577,000 buildings and structures worth \$712 billion comprising more than 5,300 sites. In 2006, the Department spent over \$3.5 billion for energy to power fixed installations, and just over \$10 billion on fuel for combat and combat related systems. These figures exclude energy used by some contractors that performed "outsourced" DoD functions, but are as accurate as current accounting systems permit.



# Plus Reference Assistance

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- **Additional information from DTIC Reference Librarian:**
- 1 barrel = 42 U.S. gallons of oil = 19.5 U. S. gallons of gas.
- By international agreement a barrel of petroleum equals 42 U. S. [gallons](#), which is about 158.987 liters.



# Additional Background

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Transforming the Way DOD Looks at Energy. An Approach to Establishing an Energy Strategy.**
- AD Number: ADA467003 Corporate Author: LOGISTICS MANAGEMENT INST (LMI) MCLEAN VA Personal Author: Crowley, Thomas D Corrie, Tanya D Diamond, David B Funk, Stuart D Hansen, Wilhelm A Stenhoff, Andrea D Swift, Daniel C Report Date: April 01, 2007 Media: 138
- This report has a section, Mobile Energy Use, which it defines as follows: "Mobility energy is the fuel used to power DoD weapons platforms, tactical equipment, and all other types of vehicles."
- **Supporting Worldwide Missions with DESC Energy Around the Globe. Defense Energy Support Center Fact Book, Fiscal Year 2005, Twenty-Eighth Edition.**
- AD Number: ADA472201 Corporate Author: DEFENSE ENERGY SUPPORT CENTER FORT BELVOIR VA Report Date: January 01, 2005 Media: 105 Page(s)





# Technical Reports Can Save Time and Money

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Question: **What type of tires work best on a specific military vehicle?**
- Source:
- **Land Vehicle Tire Qualification.**
- AD Number: **ADA479108** Corporate Author: ARMY RESEARCH DEVELOPMENT AND ENGINEERING COMMAND WARREN MI  
Report Date: February 26, 2008 Media: 34 Page(s)
- Abstract: (U) These briefing charts deal with the qualification for land vehicle tires. It discusses the classifications, the qualification process, vehicle qualification testing, replacement tires and requirements.



# Tech Reports Range from Unclassified to Secret

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- **Question: What tests on Interceptor Body Armor (IBA) are available?**
- *Title:* Thermal Manikin Evaluation of Passive and Active Cooling Garments to Improve Comfort of Military Body Armor  
*AD Number:* ADA474474 *Corporate Author:* ARMY RESEARCH INST OF ENVIRONMENTAL MEDICINE NATICK MA BIOPHYSICS AND BIOMEDICAL MODELING DIV *Personal Author:* Endrusick, Thomas Gonzalez, Julio Berglund, Larry *Report Date:* August 01, 2007 *Media:* 5 *Page(s)* *Distribution Code:* 01 - APPROVED FOR PUBLIC RELEASE *Report Classification:* Unclassified *Source Code:* 441188 From the collection: Technical Reports
- Searching “interceptor body armor” resulted in 17 full-text documents (downloadable for free) on Private STINET (public to DoD Controlled) & one Secret on the SIPRNet.



# DTIC TR Research Results

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## Positives:

- Quick; easy to search database
- Current reports
- Relevant information
- Authoritative sources
- Many FREE full-text documents
- Reference assistance available





Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

# Access to DTIC Collection and DoD Resources





# Why Register with DTIC?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## ***Access to DTIC Sites***

- Research & Engineering (R&E) Portal
- Private STINET
- Classified STINET
- Total Electronic Migration System (TEMS)
- Classified TEMS



# Access to Other Information

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## ***Examples:***

- Congressional Budget Queries
- Congressional Budget Data
- Research Development Test & Evaluation (RDT&E) Budget Data
- DoD RDT&E In-House Management Report





# Eligibility to Register with DTIC

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

## ***Who is eligible to register for DTIC services?***

- Employees of a DoD organization (civilian & military), DoD contractor, or potential DoD contractor
- Employees of another U.S. Federal Government agency or U.S. Federal Government contractor
- Researchers at a university or college funded by DoD or a U.S. Federal Government agency
- Participants in the Small Business Innovation Research or Small Business Technology Transfer program (SBIR/STTR)
- Faculty members, staff members, or students of Historically Black Colleges & Universities (HBCU), Hispanic Serving Institutions (HSI), Tribal Colleges & Universities (TCU) & other Minority Institutions (MI)



# Registration (one click away)

## <http://www.dtic.mil>

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



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[Registration](#)

[DTIC A-Z](#)

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[Interest Areas](#)

[Customer Support](#)

Search

DoD Sites & Collec

GO

[More Search Options](#)

i

[S&T Resources](#)

[Announcements](#)

[Forms & Guides](#)

[IACs](#)

[Find It](#)

[About Us](#)

You are here: [Home](#) » [registration](#)

Font size: A A

## DTIC Registration

DTIC's Registration Team assists customers with:

- [Registration eligibility requirements](#)
- Problems with accessing DTIC Web services
- Upgrading the level of access needed to view required information

[Registration at DTIC](#)



### Registration

[Eligibility](#)

[Registration FAQs](#)

[Contractor Employees](#)

[Government Employees](#)

[Security](#)

DTIC's products and services are available to:

- Authorized U.S. DoD/Military employees
- Authorized U.S. government employees
- Authorized U.S. government contractors, subcontractors and potential contractors

[Contact us for further assistance](#)





# Review Eligibility; Click on Web-based Application



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Search   [More Search Options](#)

[S&T Resources](#)   [Announcements](#)   [Forms & Guides](#)   [IACs](#)   [Find It](#)   [About Us](#)

You are here: [Home](#) » [registration](#) » [Eligibility](#)

Font size: [A](#) [A](#)

[Registration  
at DTIC](#)



## Who is eligible to register for DTIC® Services?

You are eligible to register if you:

- are an employee of a DoD organization (civilian and military including National Guard and Reserves on active duty), DoD contractor or potential DoD contractor
- are an employee of another U.S. Federal Government agency or U.S. Federal Government contractor
- are a [researcher of a university](#) or college funded by DoD or a U.S. Federal Government agency for conducting research throughout the U.S.
- are a participant in the Small Business Innovation Research or Small Business Technology Transfer ([SBIR/STTR](#)) program
- are a faculty member, staff member, or student of [Historically Black Colleges and Universities \(HBCU\)](#), [Hispanic Serving Institutions \(HSI\)](#), [Tribal Colleges and Universities \(TCU\)](#), and other Minority Institutions (MI)

Click [here](#) to register using the web-based application.

### Registration

#### Eligibility

#### Registration FAQs

#### Contractor Employees

#### Government Employees

#### Security





# DTIC's Online Registration

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



## DTIC and DDR&E Registration Request

Access to the DTIC Services is limited to U.S. Department of Defense (DoD) and Government employees, and their contractors only.

In order to start the registration, we must first verify your email.

Please enter your email address:

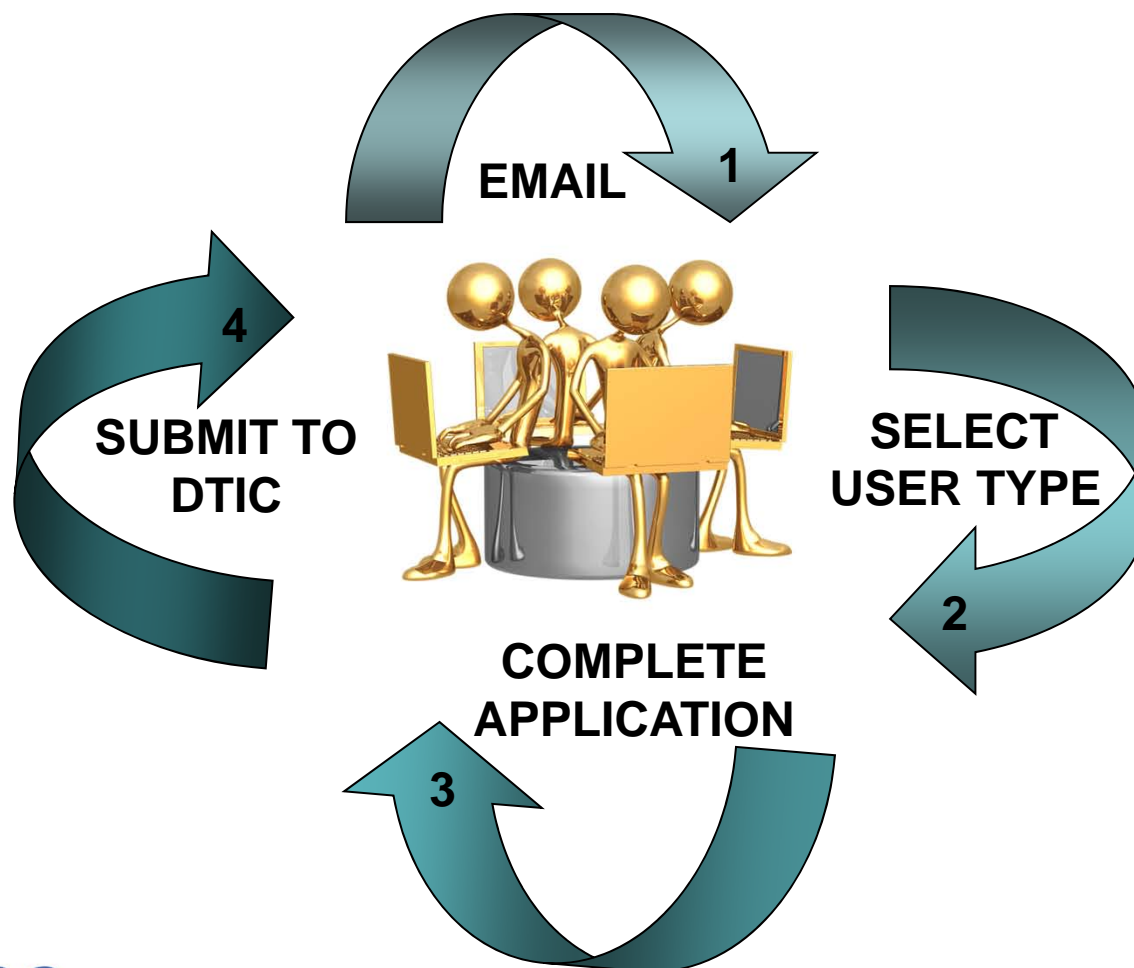
**If eligible,  
proceed with  
DTIC's online  
registration.**



# Online Registration Process

<https://register.dtic.mil/DTIC>

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium



# DTIC and DDR&E Registration

**DTIC<sup>®</sup> DEFENSE TECHNICAL INFORMATION CENTER**

**DTIC and DDR&E Registration Request Form  
for DoD Employee**

Asterisk denotes required fields. [Help](#)

**General Information** (All applicants must complete this Section.)

Your userid will be formed by combining your last name with the first character of your first name + 4 digits that you choose.

\*First Name:  Middle Initial:   
\*Last Name:  \*4 Digits:   
(choose any 4 numbers)  
Grade / Military Title:  Position Title:   
\*Email Address:

Occupation:  
☐ Scientist  
☐ Engineer  
☐ Other

**Password - Note:** The password question and answer will overwrite any existing information that you may have for this account on the DTIC systems, but the password will remain the same as your existing one.

This password, question, and answer will overwrite any existing information that you may have for this account on the DTIC systems.

\*Please enter the password you would like to use. The password must:

- be 9 characters or longer
- contain at least two numeric characters
- contain at least two capital letters
- contain at least two lower case letters
- contain at least two special character (e.g. "!")
- not contain last name

Desired Password:  Re-type Password:

\*Please select one of the questions below and provide an answer. You will be asked the same question if you forget your password and you must provide the same answer.

Password Reset Question:  Password Reset Answer:

Question:  Answer:

**Telephone**

\*Commercial:  DSN:  Mobile:

**Fax**

Commercial:  DSN:

**Organization**

\*Organization/Company Name:  Suborganization:   
(Do not abbreviate or use acronyms)

**Mail / Shipping Address (Do not use home address)**

Office Symbol:   
\*Street Address 1:   
Street Address 2:   
Street Address 3:   
\*City:  \*State:   
\*Country:  \*Zip Code:

**\*Type of Access Required**

☐ Unclassified/Unlimited (Public Release Only) ☐ Unclassified/Limited

**Classified Access**

☐ Classified STINET/Classified Paper Documents

[Submit Application](#) [Cancel](#)

## Email Access:

Be sure to have access to your email account for time-sensitive messages during the registration process.

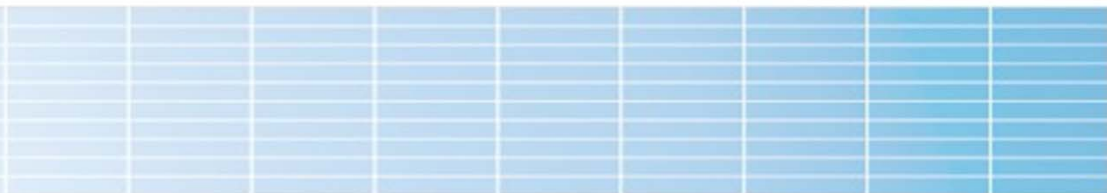




# Who Are Our Customers?

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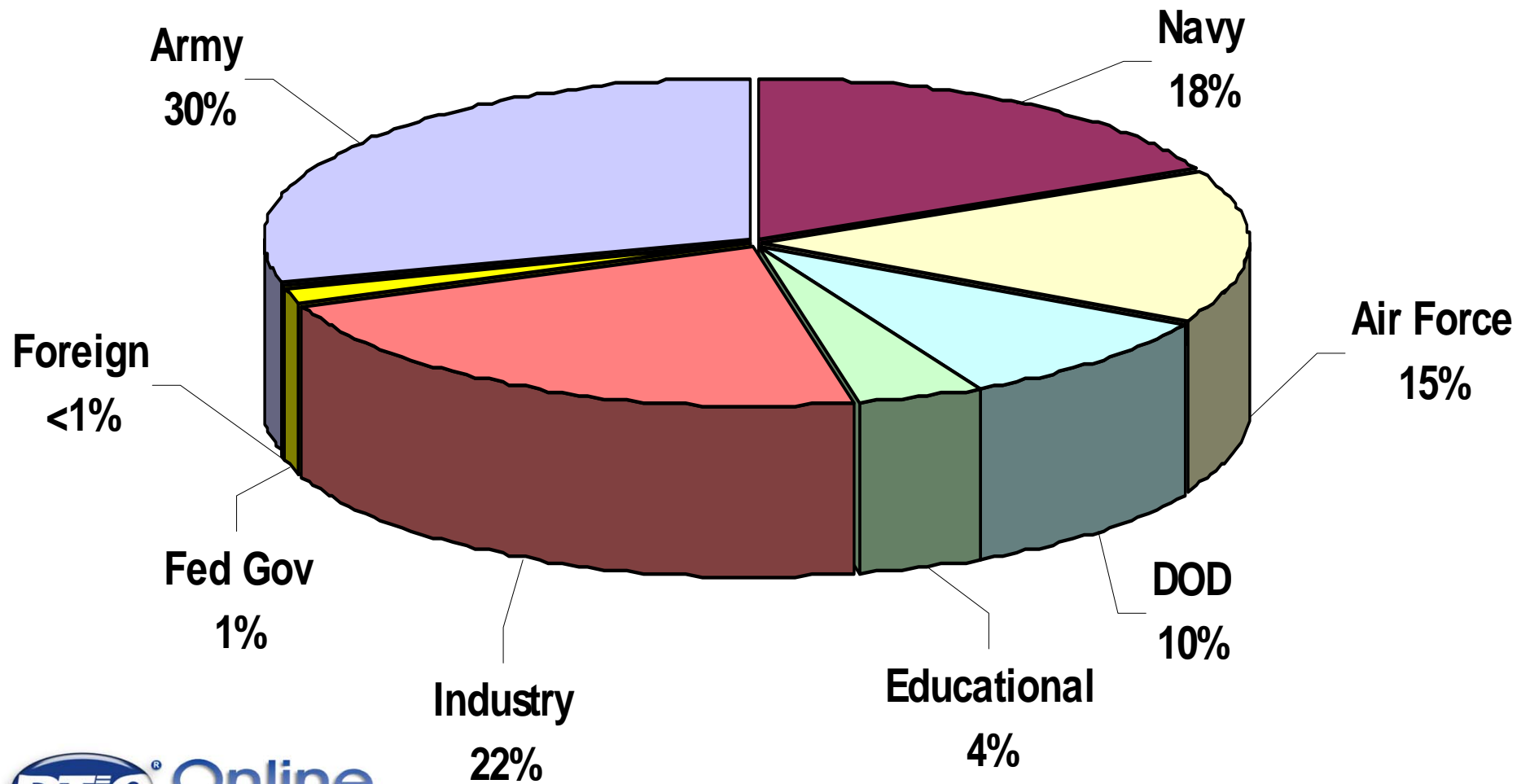
- **Engineers, scientists, program managers, policy analysts, planners and information specialists working for**
  - **DoD**
  - **Other U.S. Government Agencies and their contractors**
  - **Defense contractors** including:
    - Industry (e.g., Lockheed Martin, GE, Boeing, IBM)
    - FFRDCs (e.g., IDA: Institute of Defense Analyses)
    - Universities
    - Potential Defense Contractors
  - **Intelligence community** (e.g., CIA, NSA)
- **Foreign Governments** (e.g., negotiated agreements with Australia, Canada, France, Germany, Netherlands, Republic of Korea, U.K.)
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# DTIC Registered Users by Type

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# Dissemination of DTIC Collection and DoD Resources





# Change in Process for DTIC

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## Integrated Customer Interface

### Purpose:

***To provide for the integrated design, development, deployment, coordination, implementation and oversight of a robust information delivery infrastructure and accompanying support services***

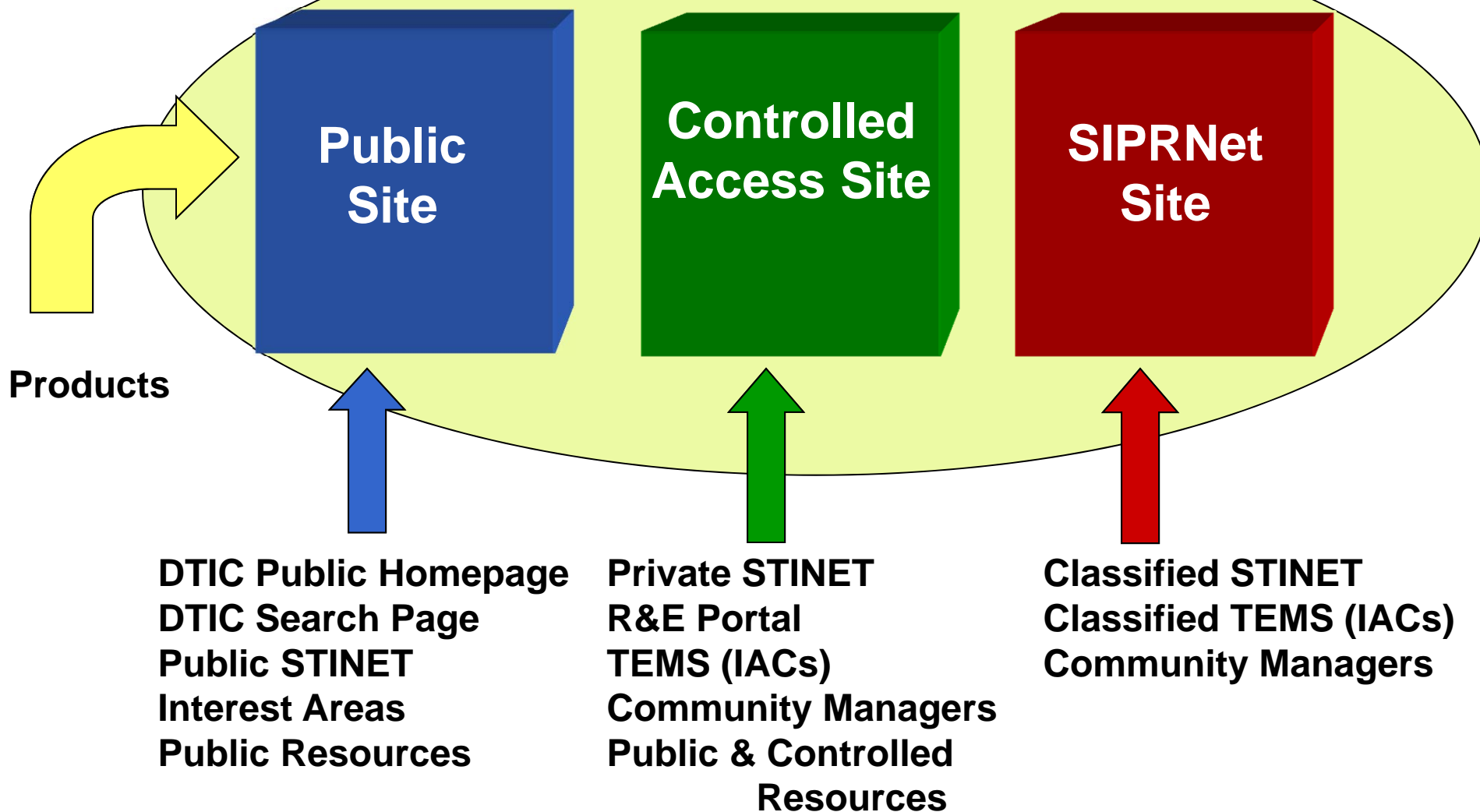


# DTIC Online

Acquisition and Life Cycle Management Symposium

Acquisition and Life Cycle Management Symposium

## Three Levels of Access





# DTIC Online: Uses STINET Color Pattern

Acquisition and Life Cycle Management Symposium Acquisition and Life C

## STINET (Scientific & Technical Information Network): Access to the DTIC Collections – Public, Controlled, and Classified



### Private STINET (Scientific & Technical Information Network)

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**About STINET**  
The Defense Technical Information Center (DTIC) Scientific and Technical Information Network (STINET) Service helps the DoD community access pertinent scientific and technical information to meet mission needs more effectively.

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**Special Collections**

**Other Tech Reports**

**Journals**

**Other Resources**

**Ordering from DTIC**

**Language Translator**

**Change Password**

Private STINET consists of the following:

- DTIC's Technical Reports collection. A database of approximately 2 million bibliographic citations of reports describing the progress or results of research efforts and other scientific and technical information held by DTIC
- All recently added unclassified, unlimited and unclassified, limited full Technical Reports
- Active and inactive Research Summaries (RS) from 1965 to present
- Independent Research & Development data



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- A language translator.
- Access to the British Library's **inside web**
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- A language translator.
- Access to the British Library's **inside web**
- Canada Institute for Scientific and Technical Information's CISTI [Source](#).
- ProQuest's Research Library Complete

All users can search DTIC's unclassified collections and display or order scientific and technical information. DTIC also makes available sensitive and classified information to eligible users.

Unclassified for Training Purposes





# Comparing the DTIC Collections

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

	<u>Public</u>	<u>Controlled</u>	<u>Classified</u>
Registration Required		✓	✓
Document Ordering		✓	✓
Current Awareness Alerts	✓	✓+	
Technical Reports	✓	✓+	✓++
Research Summaries		✓	✓+
Independent Research & Development - <b>Proprietary</b>		✓	✓
MultiSearch	✓		
Special Collections	✓	✓+	✓+
Journals	✓	✓+	



# DTIC Searching

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- DoD Searches
- DTIC Homepage: A-Z
- MultiSearch (Federated Search)
- DTIC Collections
  - NOW: **Public/Private/Classified** STINET
  - FUTURE: **Public/Access Controlled/Classified** DTIC Online



# DTIC Online - 2008

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November 18-19, 2008  
Huntsville, Alabama



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#### Heterogeneous Urban RSTA Team:

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# More Search Options: Simple or Integrated Searches

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## More Search Options

### Field Specific Search

**i** **Full Record:** all of these words:   
**Title:** all of these words:   
**Author:** all of these words:

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Clear Form

Search Title

### Options

Sort by:

Display

search results

Summary: ☒ On ☐ Off

Page Modified:

Turn on search-term highlighting ☒

larger than

**Search: Mine Resistant Ambush Protected (MRAP) Vehicle**

Search: mrap or "mine resistant ambush protected vehicle"

Search across DoD Web sites & databases or in single source

☒ **DoD Sites & Collections: select/de-select all**

☒ **Services and Agencies**

☒ **Service Organizations**

☒ Army - army.mil and related U.S. Army Web Sites

☒ Navy - navy.mil and related U.S. Navy Web Sites

☒ Air Force - af.mil and related U.S. Air Force Web Sites

☒ Marines - usmc.mil and related U.S. Marine Corp Web Sites

☒ Coast Guard

☒ JCS & Combatant Commands

☒ Agencies

☒ **DoD Wide Science & Technology Web Sites**





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Search  
Categories

- ☒ **Services and Agencies**
  - ☒ Service Organizations
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    - ☒ Navy - navy.mil and related U.S. Navy Web Sites
    - ☒ Air Force - af.mil and related U.S. Air Force Web Sites
    - ☒ Marines - usmc.mil and related U.S. Marine Corp Web Sites
    - ☒ Coast Guard
    - ☒ JCS & Combatant Commands
  - ☒ Agencies
- ☒ **DoD Wide Science & Technology Web Sites**
  - ☒ DoD Labs
  - ☒ Other DoD
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- ☒ **Technical Reports Search Tools**
  - ☒ Corporate Source
  - ☒ DTIC Thesaurus
- ☒ **DTIC S&T Research**
  - ☒ Public Technical Reports
- ☒ **Journal Articles & Conference Proceedings**
  - ☒ The Air University Library's Index to Military Periodicals (AULIMP)
  - ☒ National Defense Industrial Association (NDIA) Conference Proceedings
  - ☒ Staff College Automated Military Periodicals Index (SCAMPI)
- ☒ **Research in Progress**
  - ☒ Biomedical Research Database (BRD)
- ☒ **Budget Information**
  - ☒ DoD Congressional Budget Data
  - ☒ Research & Development Descriptive Summaries (RDDS) 2000-present
- ☒ **Standards, Directives, Guidance**
  - ☒ Military Critical Technologies List (MCTL)
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# Locate Favorites from DTIC A-Z or More Search Options Page

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**Militarily  
Critical  
Technologies  
Support  
Joint Chiefs  
of Staff (JCS)  
objectives.**

**Sections  
link to PDF  
documents.**

## MCTL Militarily Critical Technologies List



Militarily Critical Technologies List

Militarily Critical Technologies List (Revised)

Developing Science and Technologies List

Links



# MultiSearch: Searches DoD, Federal, & International Sources

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## Multisearch

**Full Record:**

**Title:**

**Author:**

**Match:** All  Field(s)

**Date Range:** Pick Year  to Pick Year

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### ☒ All Sources

#### ☒ DTIC Online Reports Database and Other Resources

##### ☒ [DTIC Technical Reports Collection](#)

*The primary purpose of these reports is to disseminate the results of scientific and technical research. Many of the collections described are not limited solely to scientific and technical information but contain additional information relevant to the DoD mission.*

##### ☒ [SCAMPI \(Joint Forces Staff College\)](#)

*The Joint Forces Staff College Library is a specialized military library, focusing on research in joint and multinational operations, military history and naval science, operational warfare, and operations other than war. Library staff members regularly scan the weekly news magazines, monthly and bimonthly journals such as Military Review, Armed Forces Journal, and quarterly publications, including NATO's Nations and Partners for Peace, RUSI Journal, and the Naval War College Review.*

##### ☒ [AULIMP \(Air University Library\)](#)

*The Air University Library's Index to Military Periodicals is a subject index to significant articles, news items, and editorials from English language military and aeronautical periodicals. The Index contains citations since 1988 and is updated continuously.*

##### ☒ [Research and Development Descriptive Summaries \(RDDS\)](#)

*Research and Development Descriptive Summaries (RDDS) furnish narrative and budgetary information on Research, Development, Test and Evaluation (RDT&E) programs and Program Element (PE) numbers within the Department of Defense in a searchable database.*

#### ☒ Other DoD

##### ☒ [Army Pubs](#)

*The Army Publishing Directorate is the Army's leader in publishing and distributing information products,*





# Added Value: Community Managers for Interest Areas

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**My DTIC community manager will know where to find this information.**

**Initial Set of Communities or Interest Areas:**

Sensors  
Bio Systems  
Technology Analysis  
Weapons Systems  
Modeling & Simulation  
High Performance Computing Modernization  
Strategic Environmental Research & Development  
Information Systems

**What information will be of value to my community?**



**DTIC Customer**



**DTIC Community Manager**





# S&T Communities or Interest Areas: Sample Information

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- Directories
- Blogs
- Conferences & Meetings
- Research Centers
- IACs
- Universities
- Conference Proceedings
- Documents & Articles
- DoD & Service Guidance
- DTIC Technical Reports
- Books
- Journals
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## [Interest Areas](#)



## Interest Areas

Welcome to the Interest Area section of the DTIC Web site. These pages provide access to a very broad range of contacts, associations, blogs, conferences and research institutions appropriate to Science & Technology research communities.

This area is designed for the S&T research community, but is intended to be useful to anyone in the Department of Defense.

If you have comments on the content of any Interest Area Web page, please send them to the Interest Area manager of the specific page.

If you have suggestions for improvement or comments on this Web site, please forward them to [ref@dtic.mil](mailto:ref@dtic.mil).

Last modified: 09/04/08

## Interest Areas



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- [Biomedical](#)
- [Chemical/Biological Defense](#)
- [Civil Engineering](#)
- [Conventional Weapons](#)
- [Directed Energy Weapons](#)
- [Environmental Quality](#)
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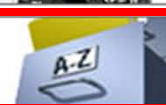
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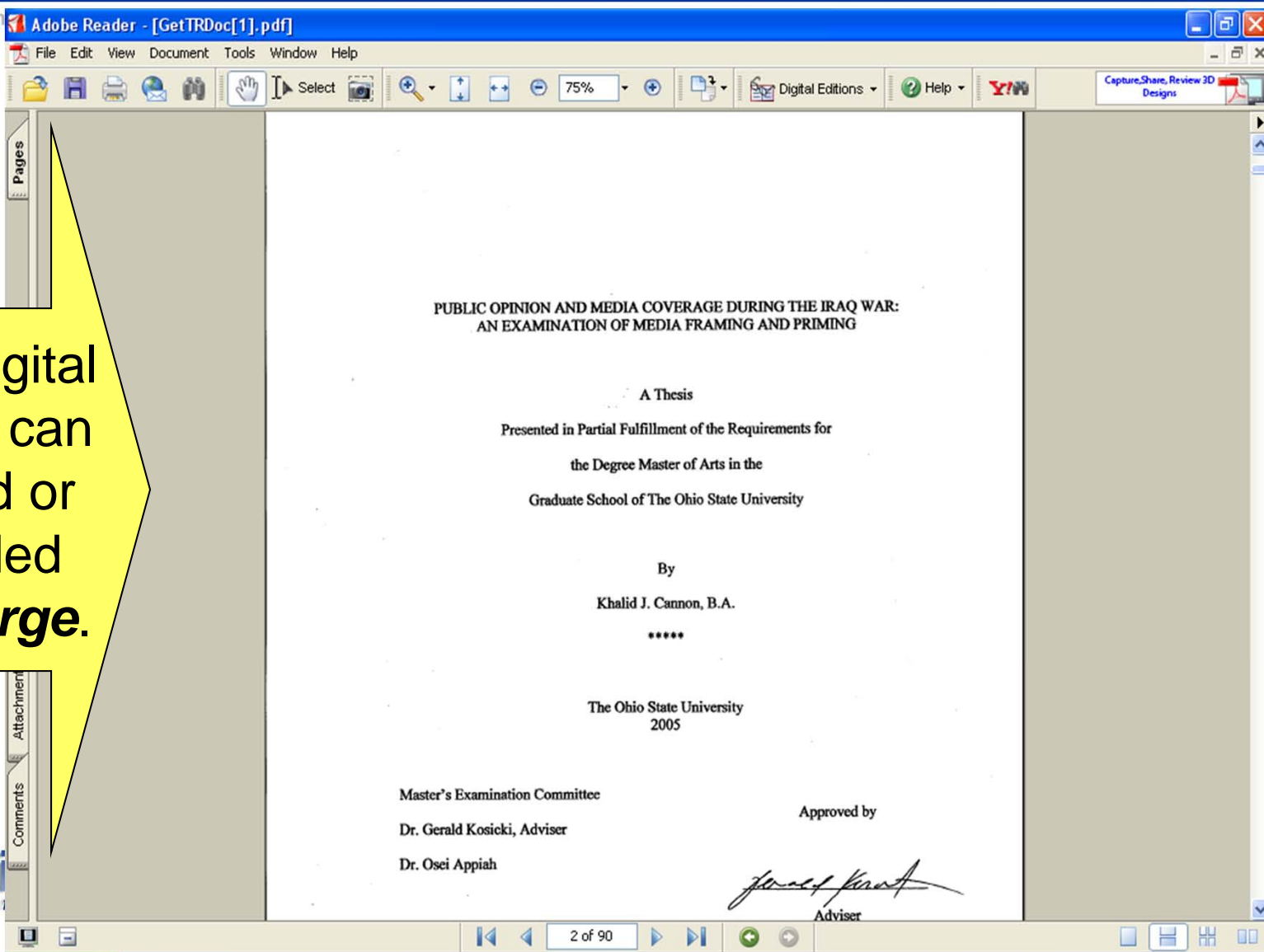
Check	Subject Category Click the link for details	help	Begin by selecting a Subject Category on the far LEFT under "check" column. Next, deselect any unwanted subgroups in this column. At any time, click the ? to view the subgroup definitions. To deselect all "checkboxes" in a Subject Category Click the radio button on the far RIGHT under Reset column.	Reset
<input type="checkbox"/>	01 Aviation Technology	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18	<input type="radio"/>
<input type="checkbox"/>	02 Agriculture	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6	<input type="radio"/>
<input type="checkbox"/>	03 Astronomy and Astrophysics	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="radio"/>
<input type="checkbox"/>	04 Atmospheric Sciences	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="radio"/>
<input type="checkbox"/>	05 Behavioral and Social Sciences	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="radio"/>
<input type="checkbox"/>	06 Biological and Medical Sciences	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15	<input type="radio"/>
<input type="checkbox"/>	07 Chemistry	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6	<input type="radio"/>
<input type="checkbox"/>	08 Earth Sciences and Oceanography	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12	<input type="radio"/>
<input type="checkbox"/>	09 Electrotechnology and Fluidics	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	<input type="radio"/>
<input type="checkbox"/>	10 Power Production and Energy Conversion (Nonpropulsive)	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<input type="radio"/>
<input type="checkbox"/>	11 Materials	?	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15	<input type="radio"/>
<input type="checkbox"/>	12 Mathematical	?		<input type="radio"/>





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Acquisition and Life Cycle Man



Full-text digital document can be printed or downloaded ***at no charge.***







# The DTIC Review

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The DTIC Review brings its readers the full-text of selected technical reports and a bibliography of other references of interest under one cover. Each issue provides a sampling of documents from our collection on a specific topic of current interest.

The DTIC® Review is compiled quarterly from recent technical reports in DTIC's database, and the selected documents and bibliography are representative of information available in DTIC's extensive collection.

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# Current Topics of High Interest

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- Represent information available in DTIC's extensive collection
- Current high interest topics
- Quarterly compilation
- Available:
  - Online
  - Stand-alone CD-ROM

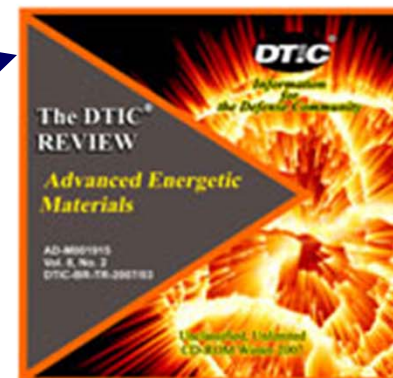




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Advanced Energetic Materials  
ADM001915  
Winter 2006



Non-Lethal Weapons  
ADM002089  
Summer 2008



Biometric Security  
ADM001930  
Summer 2007







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## DTIC Hosted Web Sites

DTIC has leading edge expertise in hosting Web sites. As part of our mission to serve the information needs of the defense community, DTIC is responsible for creating and hosting a number of DoD Web sites.

### DDR&E Web Sites Hosted by DTIC

- DTIC provides Web hosting to the Director, Defense Research and Engineering, including DDR&E Homepage.

### DoD Web Sites Hosted by DTIC

- DTIC has developed more that 100 Web sites for the Department of Defense including the Office of the Secretary of Defense, the Joint Chiefs of Staff and Washington Headquarters Services.

Last modified: 08/14/08

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# Securing Afghanistan

## Stabilization & Growth



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U.S. Department of Defense  
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## DEPARTMENT OF DEFENSE Unexploded Ordnance Center of Excellence (UXOCOE)



## Center of Excellence



Tuesday, 27 May, 2008

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On March 2, Directive (DoD) 5400.07, the Executive Order, reaffirms DoD's commitment to coordinating



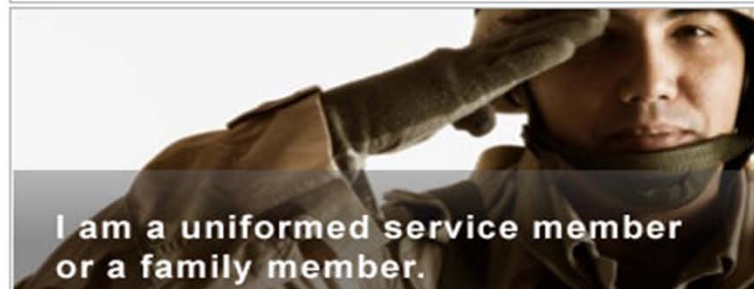
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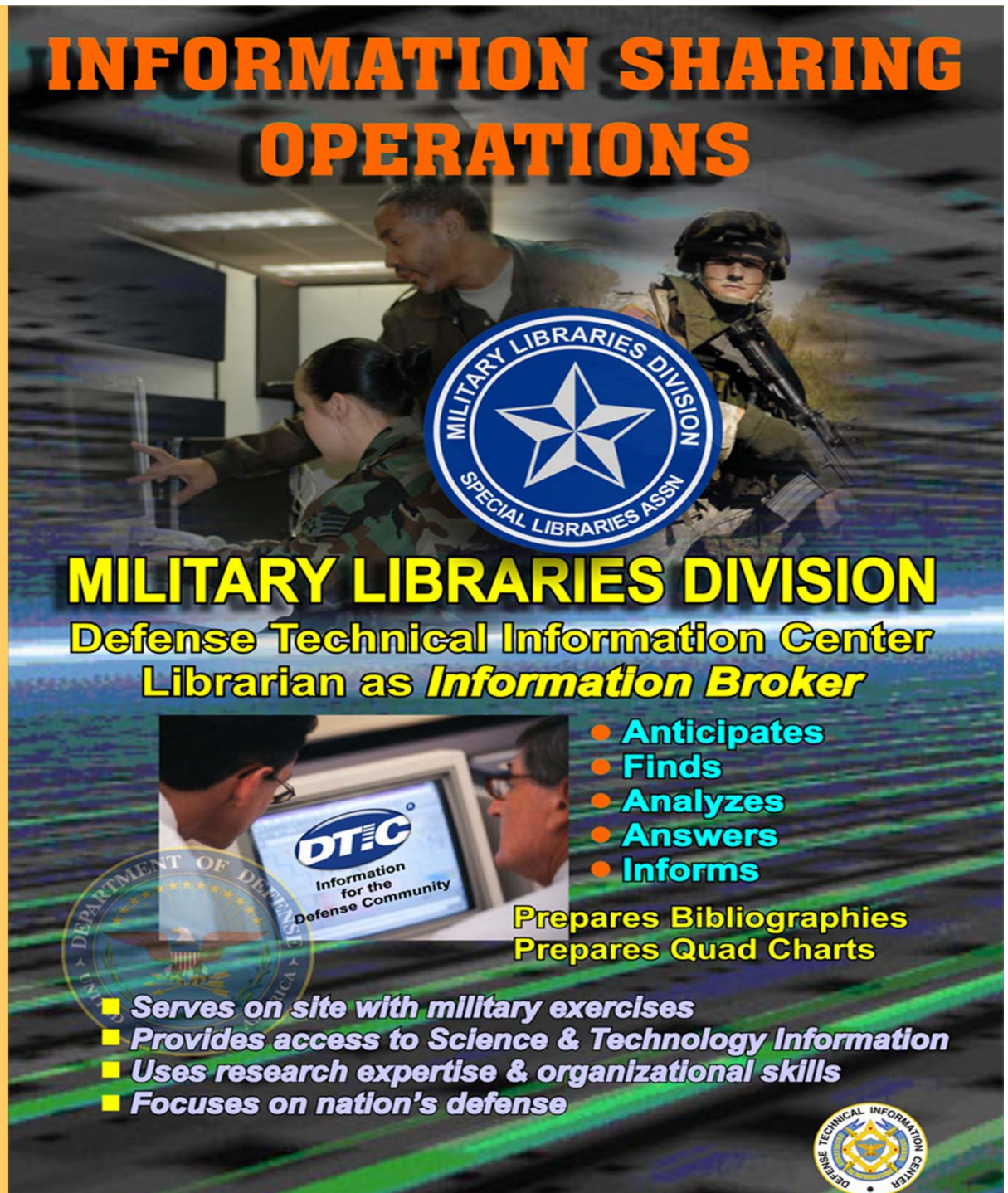
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# You Are Invited to the 2009 DTIC Annual Conference

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

- Audience and Presenters

- Information intermediaries
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- STINFO managers
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- DTIC leadership and staff

- Agenda

- Operational, policy updates
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Online

Information for the Defense Community





# Questions for Regional Offices?

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DTIC Northeastern Regional Office (MA)  
781-377-2413 or [boston@dtic.mil](mailto:boston@dtic.mil)

DTIC Midwestern Regional Office (OH)  
937-255-7905 or [dayton@dtic.mil](mailto:dayton@dtic.mil)

DTIC Southwestern Regional Office (NM)  
505-846-6797 or [albuq@dtic.mil](mailto:albuq@dtic.mil)

DTIC Western Regional Office (CA)  
310-653-2483 or [losangel@dtic.mil](mailto:losangel@dtic.mil)





# Questions about Registration?

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

**Mr. James Fletcher**

Chief, Marketing & Registration Division

703-767-8238 or [jfletche@dtic.mil](mailto:jfletche@dtic.mil)

**Registration Team**

703-767-8273 or [reghelp@dtic.mil](mailto:reghelp@dtic.mil)



# Questions for DTIC Reference?

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- “**Ask a Librarian**” virtual reference service on DTIC homepage (Online form on [www.dtic.mil](http://www.dtic.mil))
- Email: [ref@dtic.mil](mailto:ref@dtic.mil)
- Fax: 703-767-8228
- Telephone  
703-767-8274  
1-800-CAL-DTIC (225-3842)





# Point of Contact

Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium Acquisition and Life Cycle Management Symposium

**Ms. Helen Q. Sherman**

**Director**

**User Services Directorate**

**Defense Technical Information Center**

**[hsherman@dtic.mil](mailto:hsherman@dtic.mil)**

**<http://www.dtic.mil>**





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